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A Aaron, S Tsao - available in <http://www.stanford.edu/amaaron/ee359/> ..., 2000 - stanford.edu... was more pronounced when the receiver **socket** buffer size ... need for a transport-level **proxy** in snoop ... of TCP semantics to **prevent duplicate** acknowledgments caused ...Cited by 1 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)
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... the deletion of the associated **proxy** ARP entry .the decapsulator uses the ADD DECAP **socket** option to ... well in practice and helps **prevent duplicate** packets from ...Cited by 133 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)
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D Schnackenberg, K Djahandari, D Sterne - DARPA Information Survivability Conference and Exposition, ..., 2000 - ieeexplore.ieee.org

... To help **prevent** flooding the IDIP network with ... a unique message identifying number, so **duplicate** messages are ... a firewall **proxy** will have different source ports ...Cited by 102 - [Related Articles](#) - [Web Search](#)
TCP for Wireless Networks - group of 3 »

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... the need for a transport level **proxy**, which must ... Hence, the delayed **duplicate** acknowledgments scheme may be ... This will **prevent** the sender from triggering slow ...Cited by 4 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)
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... Mechanisms to address the speed problem include receiver feedback, **proxy** servers, and transmitting ... **prevent** these queries from propagating outside the LAN. ...[Related Articles](#) - [View as HTML](#) - [Web Search](#)
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N Aghdaie, Y Tamir - Performance, Computing, and Communications, 2001. IEEE ..., 2001 - ieeexplore.ieee.org

... This can **prevent** the local LAN router from being ... but still sends ack, backup ignores **duplicate** ack but ... by a separate process, henceforth referred to as **proxy**. ...Cited by 23 - [Related Articles](#) - [Web Search](#)

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 is a duplicate entry to myfile ... This is a proxy for the distributed name service ...
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 the proxy records the ... IP address and the identifier for the TCP socket ...
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D Velenis, D Kalogerias, B Maglaris - PROC 2nd International IFIP-TC6 Networking Conference, Pisa ..., 2002 - Springer
 ... SaTPEP: A TCP Performance Enhancing Proxy for Satellite Links ... is released from the
 SaTPEP socket buffer to ... mode when the first duplicate acknowledgement, dupACK ...
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 ... side since it involves not only socket establishment, but ... numbers to detect lost
 or duplicate messages ... However, proxy failures are equivalent to server failures ...
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 ... the user location requests from the Proxy and Redirect ... Request Message Processing
 To avoid the duplicate message, the ... And it then generates a socket to send ...
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(book) Network Management for the 90s - group of 5 »

L Deri - 1996 - sce.carleton.ca
 ... operation and returning the HTTP response over the same socket that is ... It does not
 make sense to duplicate part of the functionality of the Proxy on each ...
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Mapping home-network appliances to TCP/IP sockets using athree-tiered home gateway architecture

PM Corcoran - Consumer Electronics, IEEE Transactions on, 1998 - ieeexplore.ieee.org
 ... Command-packets may also be written to the socket and these will effect
 changes in the proxy services implemented by SIOD. However ...
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↑ ABSTRACT

Recent advancements in video and audio codec technologies~(e.g., RealV ideo [18] make multimedia streaming possible across a wide range of network conditions. With an increasing trend of ubiquitous connectivity, more and more areas have overlapping coverage of multiple wired and wireless networks. Because the best network service changes as the user moves, to provide good multimedia application performance, the service needs to adapt to user movement as well as network and computational resource variations. For wireless multimedia applications, one must ensure smooth transitions when network connectivity changes. We argue that network adaptations for multimedia applications should be provided at the application layer with help from proxies in the network. The reasons are ease of programming, ease of deployment, better fault-tolerance, and greater scalability. We propose a self-adaptive distributed proxy system that provides streaming multimedia service to mobile wireless clients. Our system intelligently adapts to the real-time network variations and hides handoff artifacts using application protocol specific knowledge whenever possible. It also uses application-independent techniques such as dynamic relocation of transcoders and automatic insertion of forward error correction and compression into the data transcoding path. We advocate a composable, relocatable transcoding data path consisting of a directed acyclic graph of strongly-typed operators to bridge any data format mismatch between the client and the data source. In this paper, we present the design, implementation, and evaluation of our system in the context of streaming video playback involving a series of transcoding proxies and a mobile client.

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Michael K. Bradshaw , Jim Kurose , Prashant Shenoy , Don Towsley, Online scheduling in modular multimedia systems with stream reuse, Proceedings of the international workshop on Network and operating systems support for digital audio and video, June 13-14, 2005, Stevenson, Washington, USA

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↳ C.2 COMPUTER-COMMUNICATION NETWORKS

Additional Classification:

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General Terms:

Experimentation, Security

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... Content negotiation • Cookies & other social issues Page 14: ... 3. Proxy P receives server's response for R • Forwards response to A ...

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... that about 13% of all NSFNET backbone traffic was due to duplicate file transfers ...

We can verify whether or not the proxy improves user response time by ...

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... may set a complimentary Expires: value, to duplicate the intended ... as more critical than in a proxy/cache ... mechanisms such as the Content-MD5 response header, and ...

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... or destroy an online account, and an account proxy. ... if it supports a particular extension; the response comes back ... it is used to avoid duplicate processing by ...

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... This next server could be any kind of SIP server and the proxy does not need to know the type of the ... Those will be traversed in reverse order by the response. ...

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... The proxies Web Service Proxy Proxy Client Enterprise ... platforms. Web Services technology has been developed as a response to these needs. The ...

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... Thus, the IKE protocol is operational in a proxy-based scheme ... To initiate the IPsec

SA negotiation (see Fig. ... pair, as well as its ISAKMP SA response, the DH half ...

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Ack Ack Ack Ack data RTP Pkt RTP Pkt RTSP Server ...

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on socket D are intended to be relayed to the client. It ...

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... Magazine December 2001 61 duce a generic performance enhancement proxy (PEP) structure ...

initiate the transmission of an acknowl- edgment frame (ACK) after a ...

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... entail. By default, the proxy and servers send 1500-byte packets (the most

common packet size besides 40-byte ACK packets). Packets ...

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... systems, the round-trip time for TCP connection between the proxy and the server

may not be negligible because the proxy and server ... SYN(pSEQ), ACK(CSEQ+ 1) ...

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... work well, enough time is required for the Snoop agent, located at the proxy, to

realize that a packet is lost, retransmit it and obtain the corresponding ACK. ...

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... both an ACK to the Susan's PC client and the answer with the information related

to the PC to the SIP-MG; the SIP-MG sends an ACK to the SIP Proxy/AS; At ...

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